

In the Specification

Please insert after paragraph [0024] of the published application (U.S. Patent Application Publication No. 2006/0055994), the following:

[0024a] Figure 1a shows the content of FIG. 1 with a magnified view of an example of a focusing lens system 2 comprising two single lenses.

Please amend paragraphs [0030] and [0031] of the published application (U.S. Patent Application Publication no. 2006/0055994) as follows:

[0030] FIG. 1 shows the general arrangement of a video hologram and its reconstruction. A light source 1, a focusing lens system 2, shown as a single lens [[2]], for the purpose of simplicity, a hologram-bearing medium 3 and a viewing plane 4 are arranged one after another, seen in the direction of the propagating light. The viewing plane 4 corresponds with the Fourier plane of the inverse transform of the video hologram with the diffraction orders. FIG. 1A shows the content of FIG. 1 with a magnified view of an example of a focusing lens system 2 comprising two single lenses.

[0031] The light source 1 is imaged on to the viewing plane 4 through an optical system, represented by the lens system 2. If a hologram-bearing medium 3 is inserted, it (the hologram-bearing medium 3 being encoded with a hologram) is reconstructed to comprise focal points (e.g., a point 7 of a reconstructed three-dimensional scene 6 as shown in FIG. 3) before in the viewing plane 4 (i.e., between the hologram-bearing medium 3 and the viewing plane 4) and as an inverse Fourier transform in the viewing plane 4. The hologram-bearing medium 3 with periodic openings creates equidistantly staggered diffraction orders in the

viewing plane 4, where the holographic encoding into higher diffraction orders takes place, e.g. by way of the so-called detour phase effect. Because the light intensity decreases towards higher diffraction orders, the 1st or -1st diffraction order is used as the viewing window 5. If not explicitly expressed otherwise, the 1st diffraction order will be taken as a basis in the further description of the invention.